

Fig. 1a

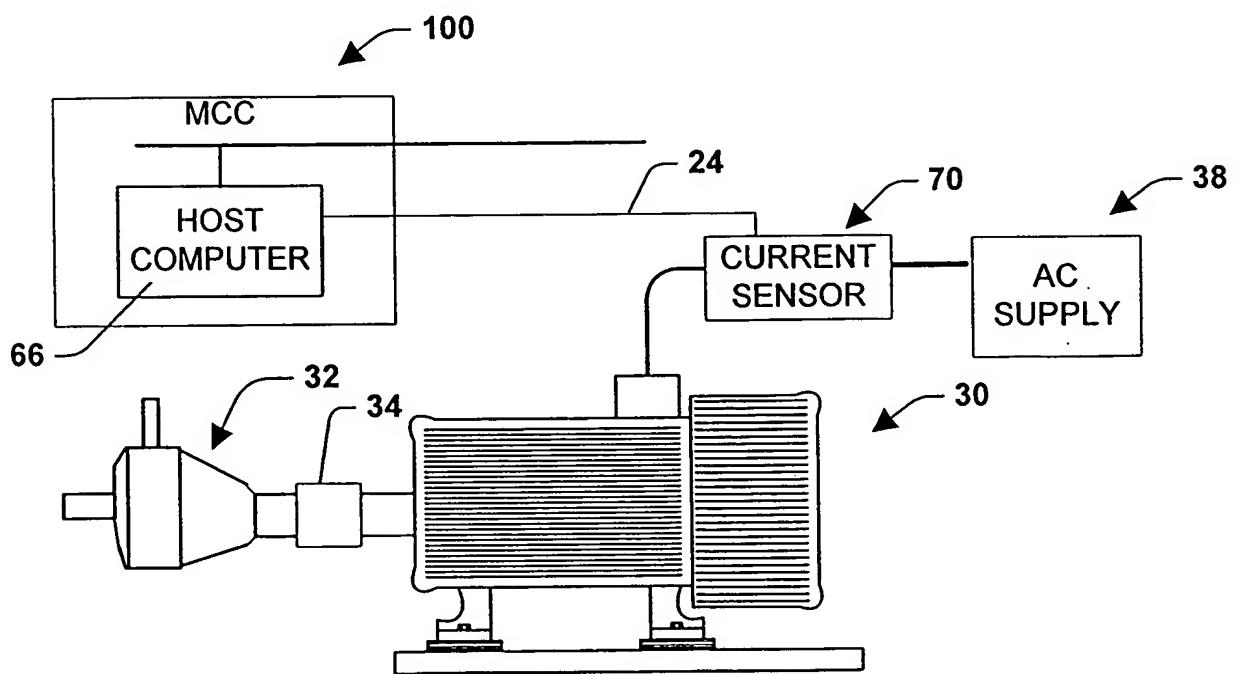


Fig. 1b

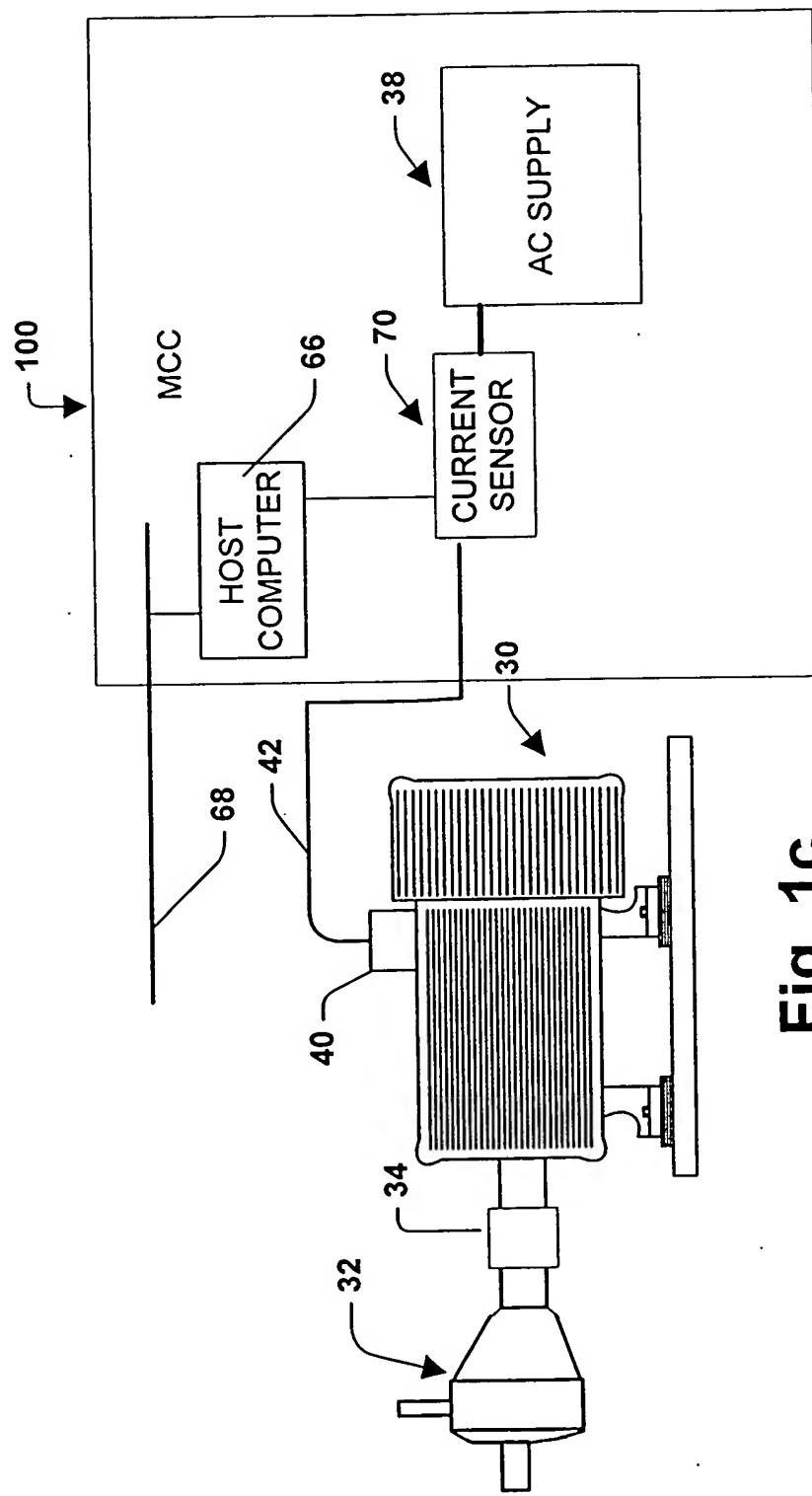


Fig. 1c

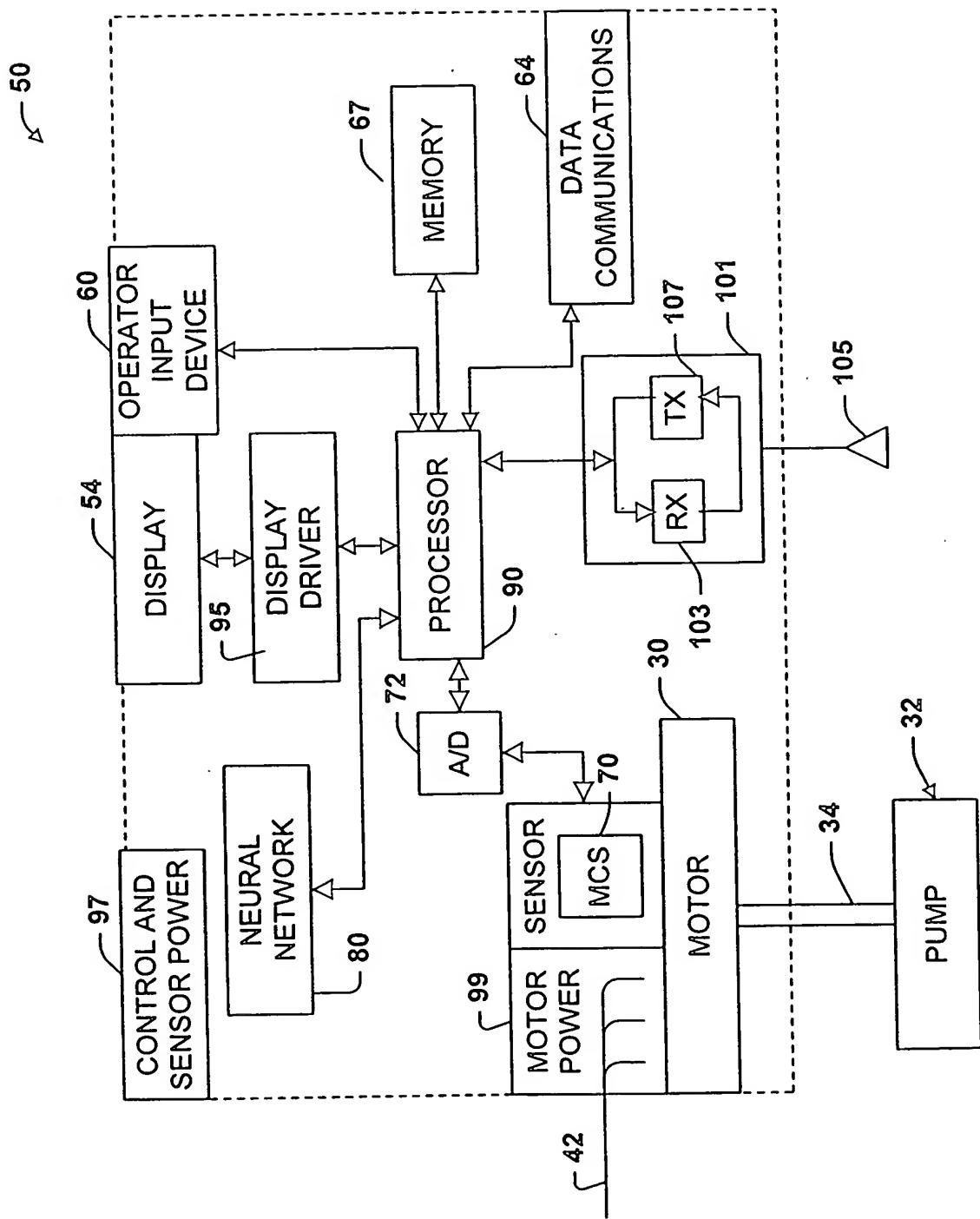


Fig. 2

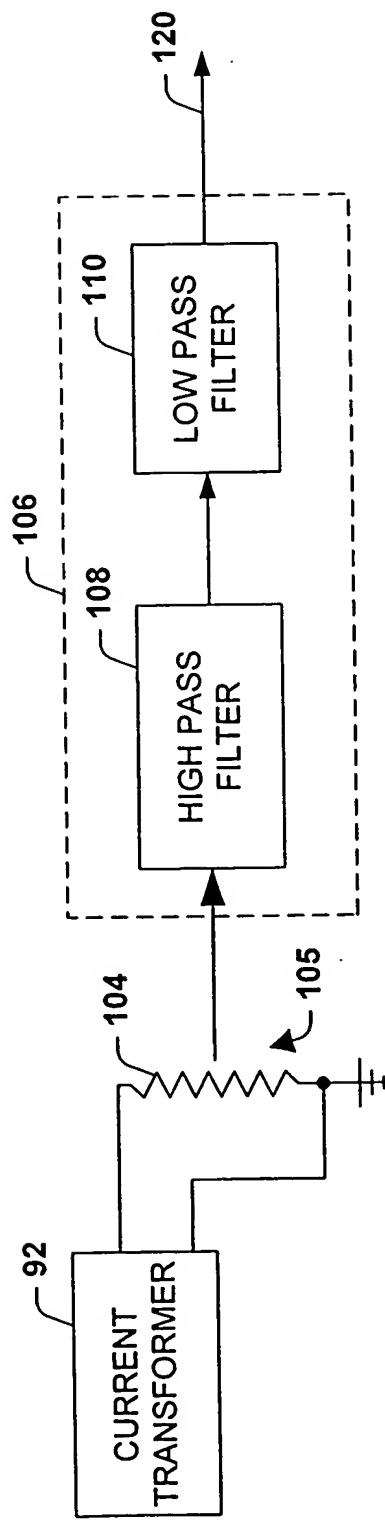


Fig. 3

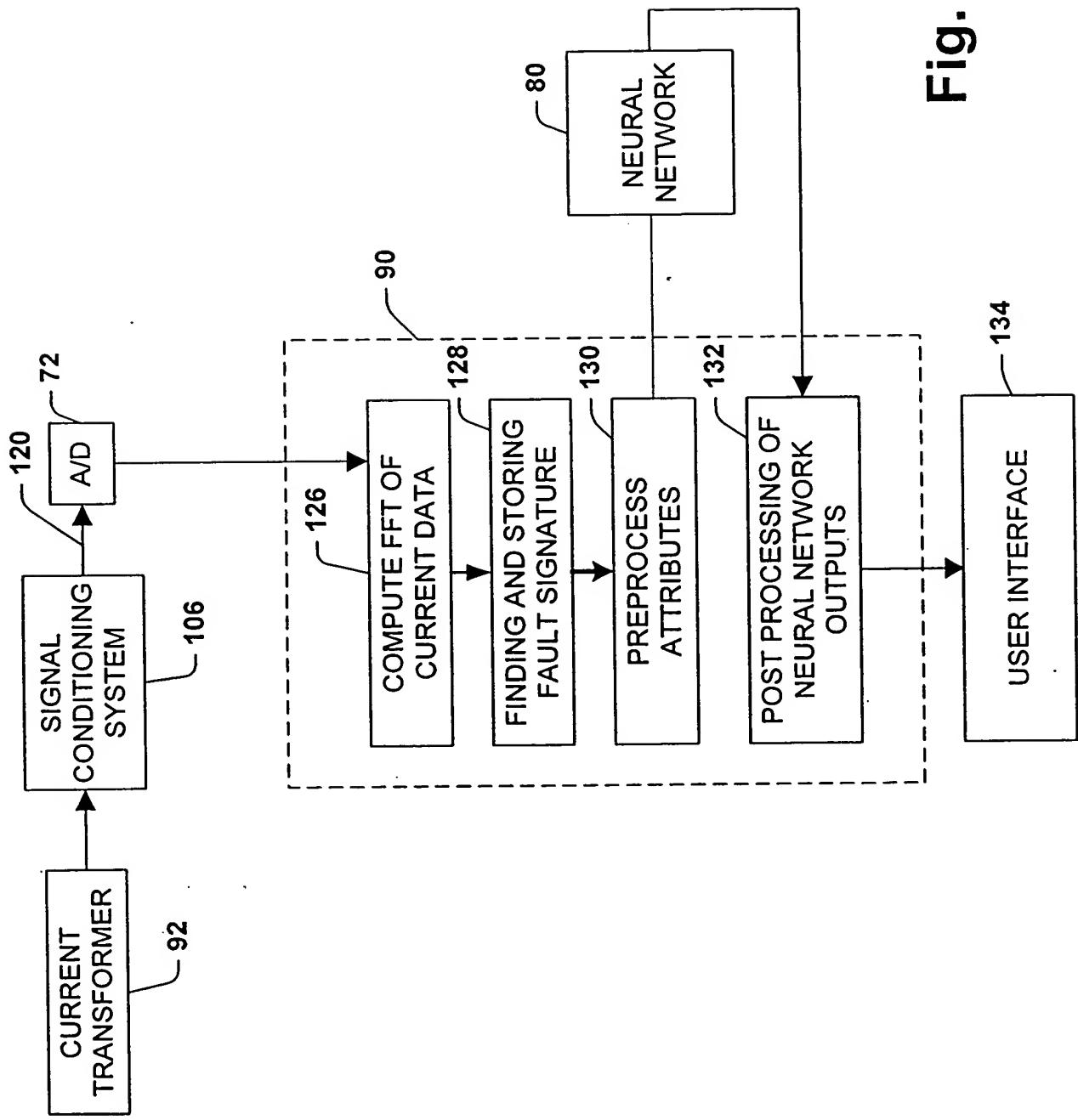


Fig. 4a

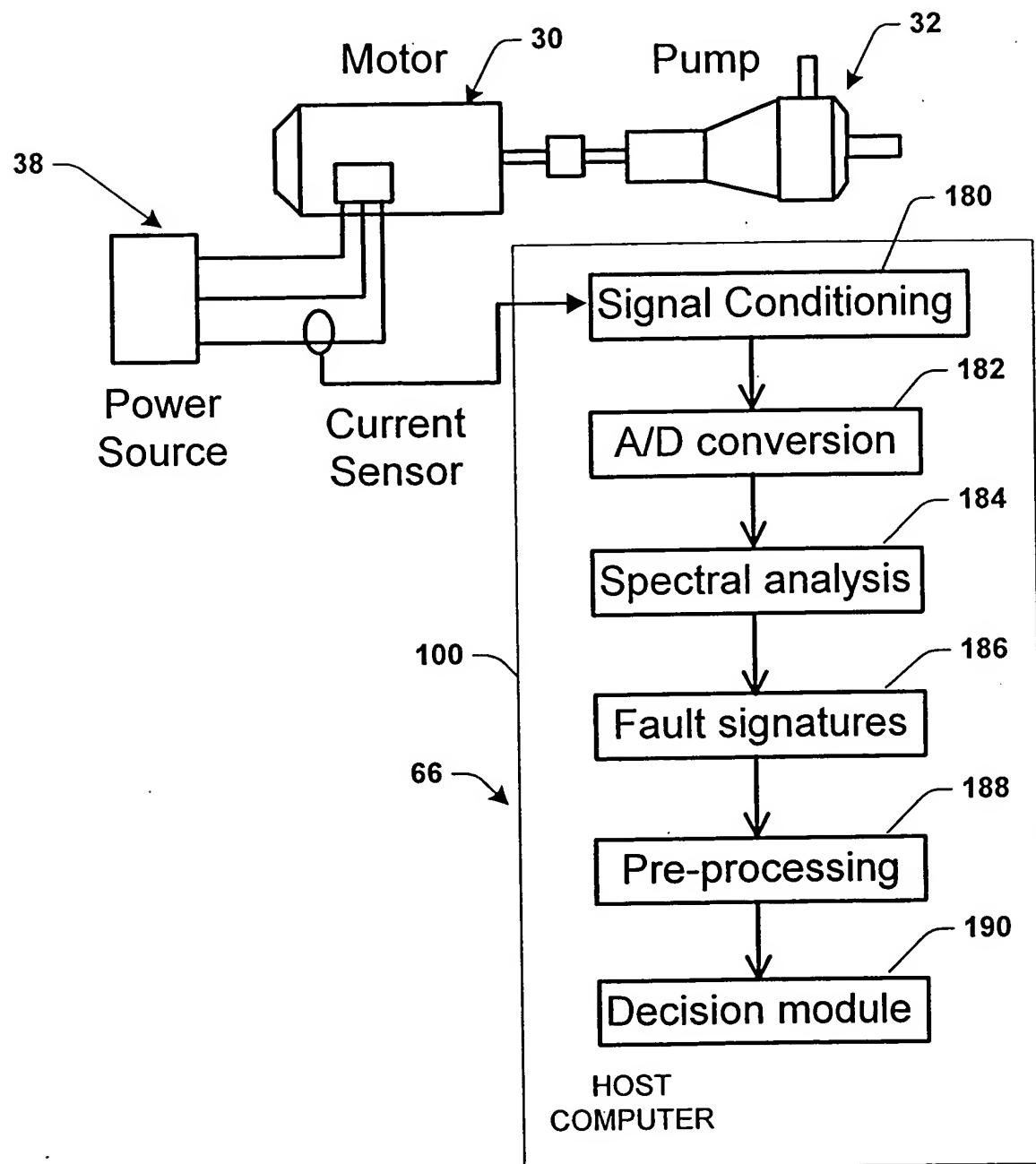


Fig. 4b

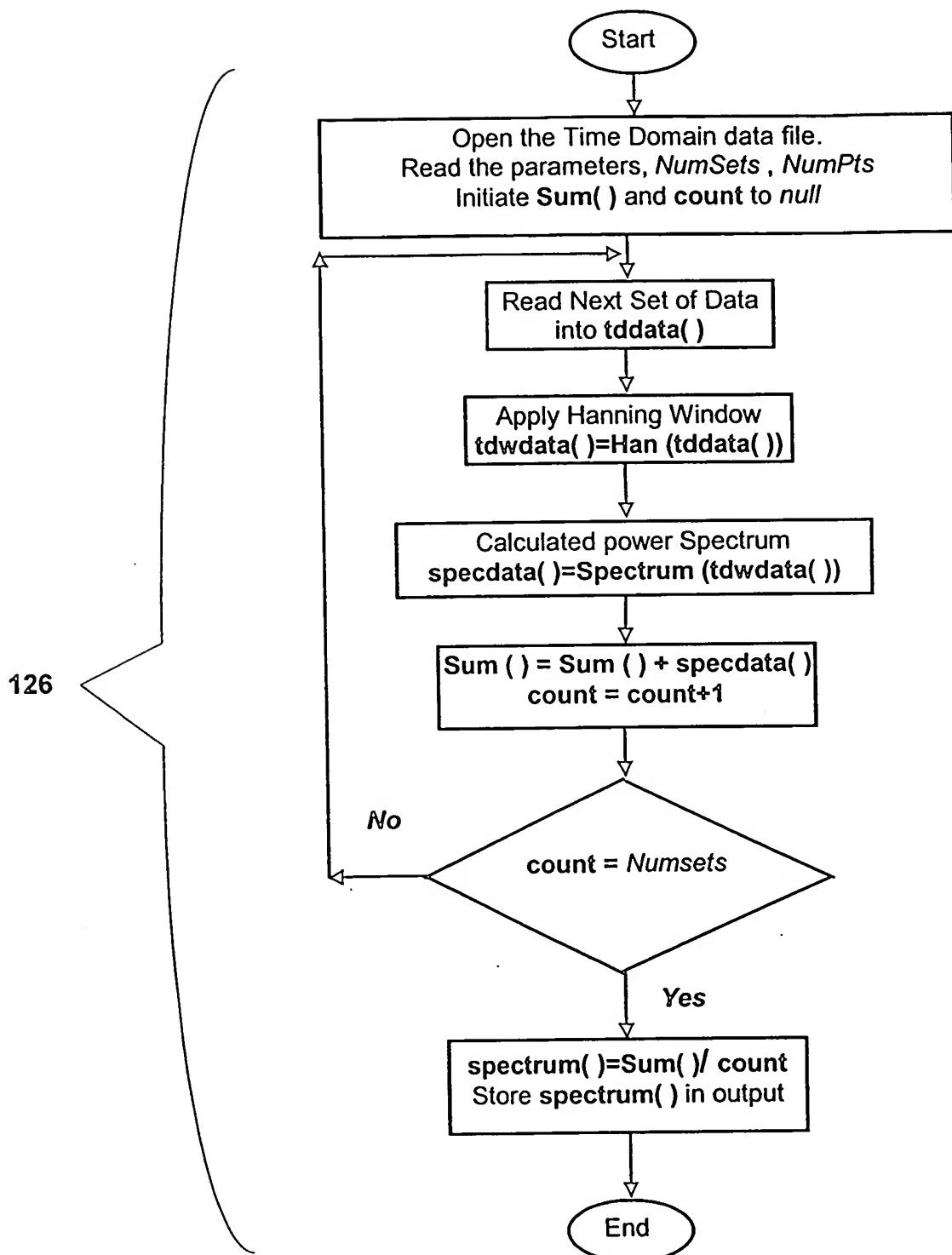


Fig. 5

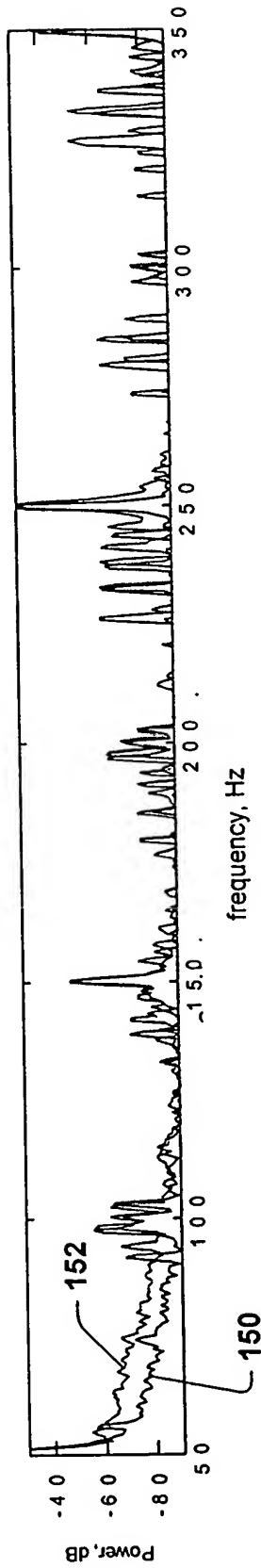


Fig. 6a

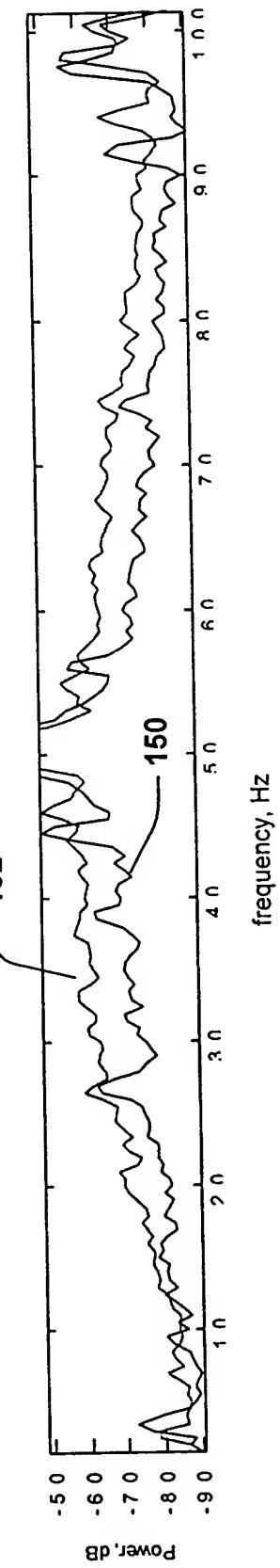


Fig. 6b

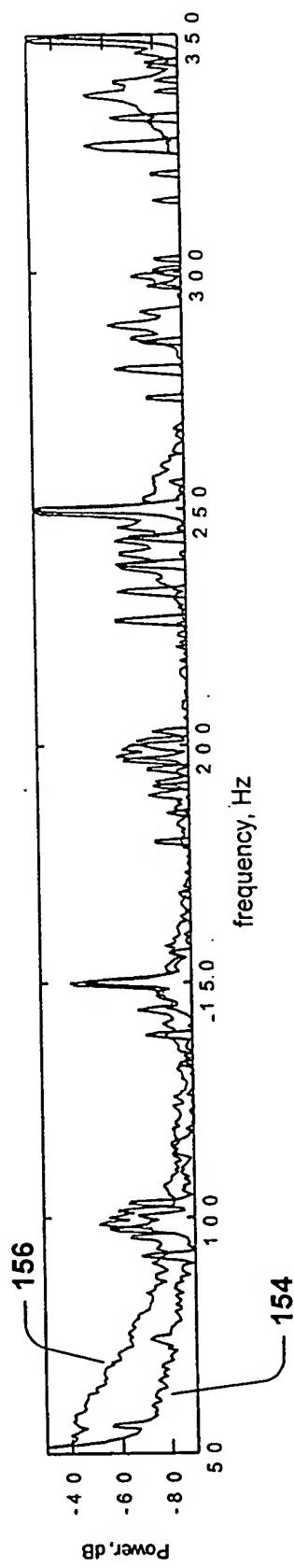


Fig. 6c

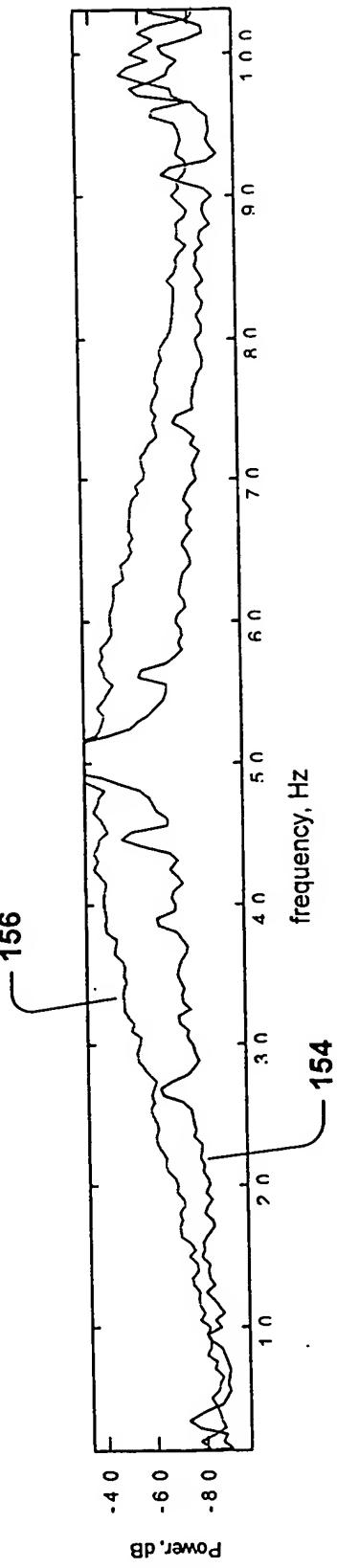


Fig. 6d

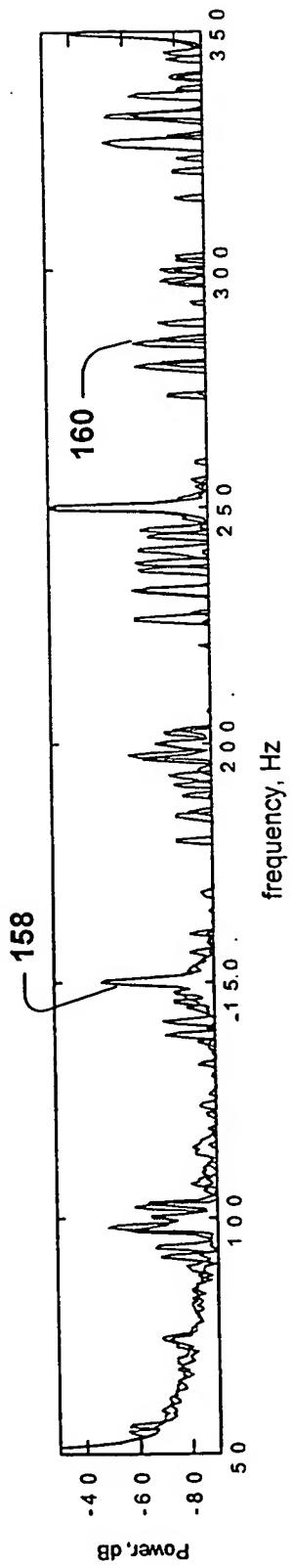


Fig. 6e

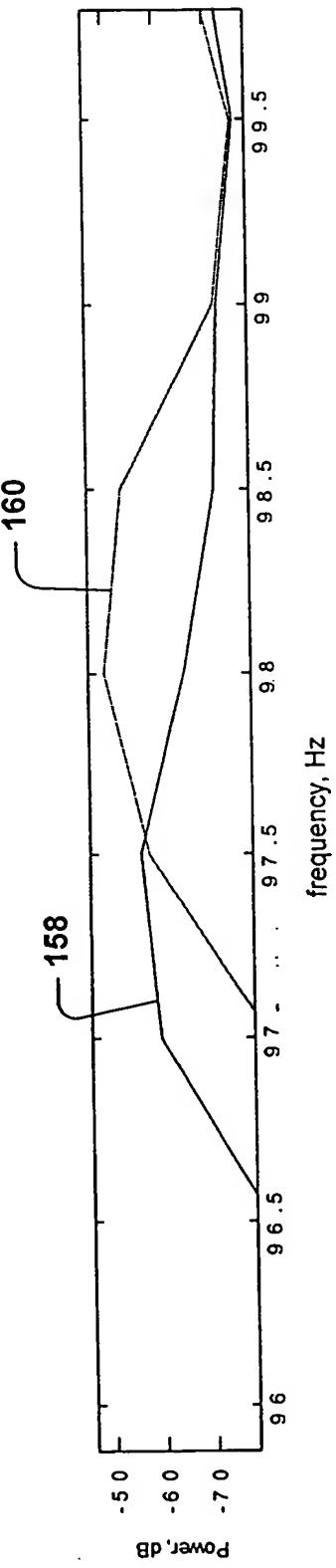


Fig. 6f

Fig. 6g

f_0	f_1	f_2	f_3	f_4	\dots	f_n	
A_3	A_{34}	A_{67}	A_{78}	A_{84}	\bullet	\bullet	A_K
A_{34}	A_{68}	A_{90}	A_{85}	A_{45}	\bullet	\bullet	A_H
A_{56}	A_{45}	A_{45}	A_{56}	A_{78}	\bullet	\bullet	A_X
A_{23}	A_{45}	A_7	A_{90}	A_{12}	\bullet	\bullet	A_Z
A_{67}	A_{36}	A_3	A_{45}	A_{47}	\bullet	\bullet	A_X
A_{78}	A_{87}	A_{12}	A_{67}	A_{37}	\bullet	\bullet	A_C
A_{234}	A_{27}	A_{478}	A_{24}	A_{127}	\bullet	\bullet	A_Q
A_{98}	A_{78}	A_{26}	A_{12}	A_{128}	\bullet	\bullet	A_B
A_{26}	A_{96}	A_{83}	A_{56}	A_{234}	\bullet	\bullet	A_M
A_4	A_{32}	A_{187}	A_{56}	A_{34}	\bullet	\bullet	A_I
A_0	A_{16}	A_{73}	A_{78}	A_{33}	\bullet	\bullet	A_E
A_{75}	A_{17}	A_{45}	A_{69}	A_{44}	\bullet	\bullet	A_Q
							$PUMP FAULT N$

200

202

204

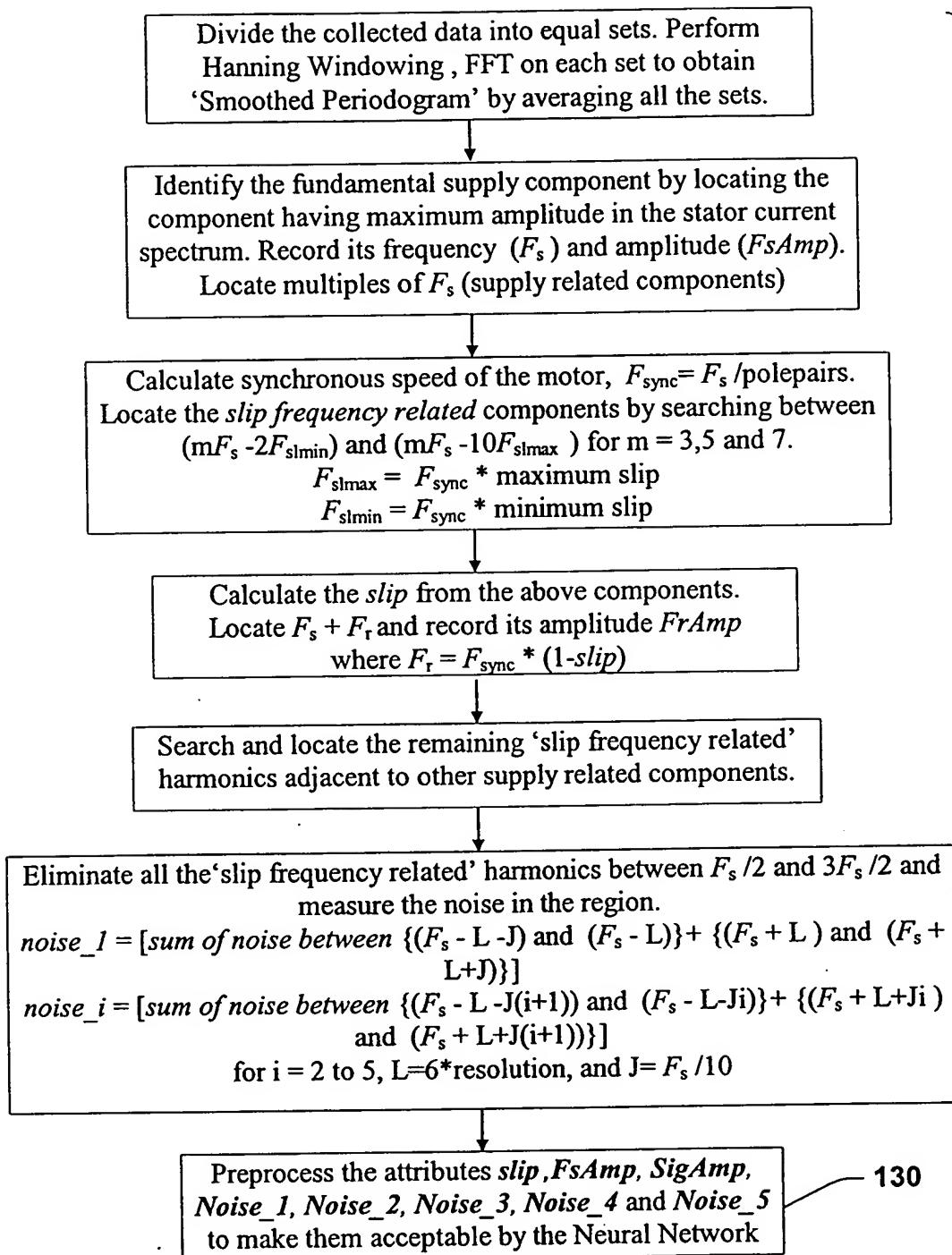


Fig. 7

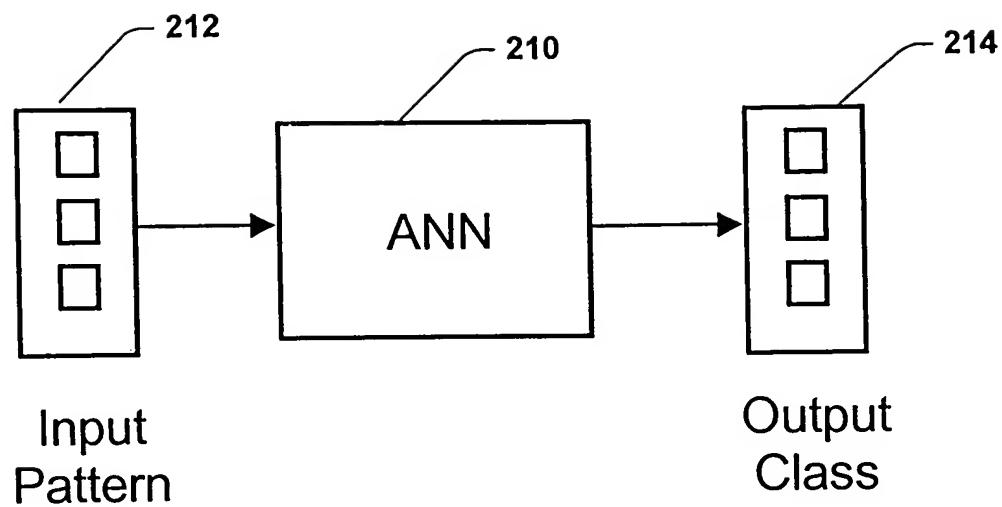


Fig. 8

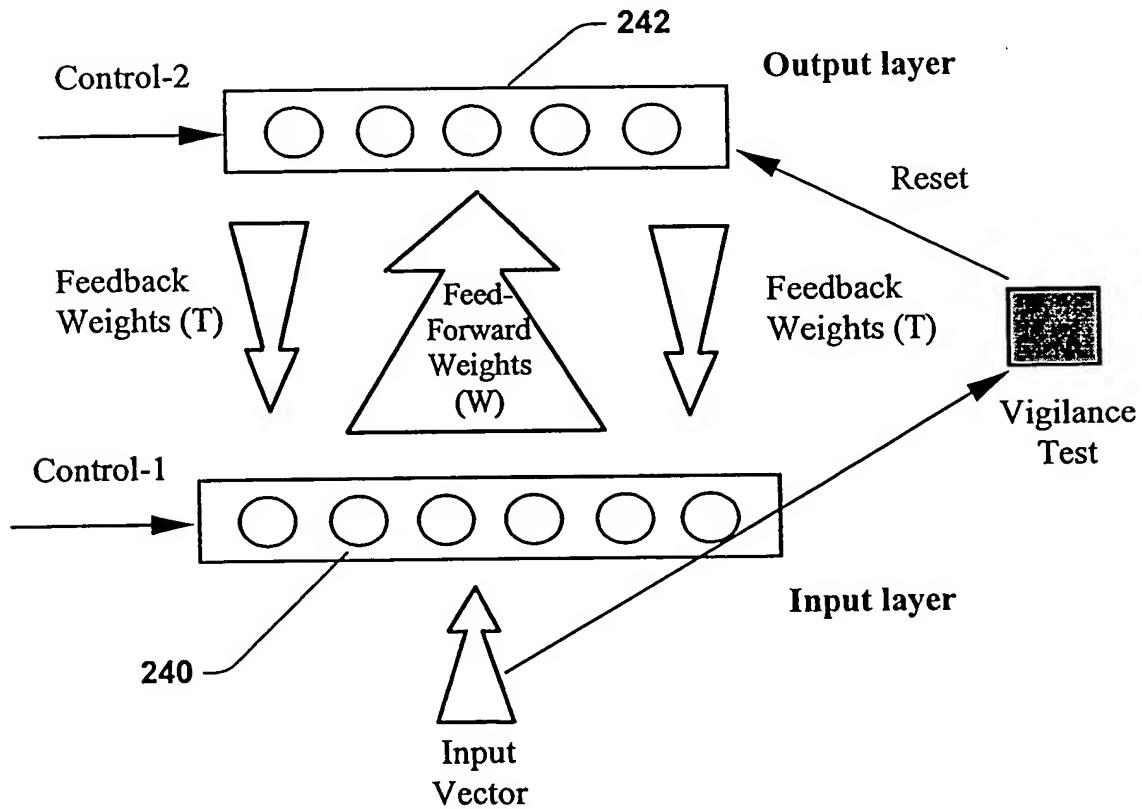


Fig. 9

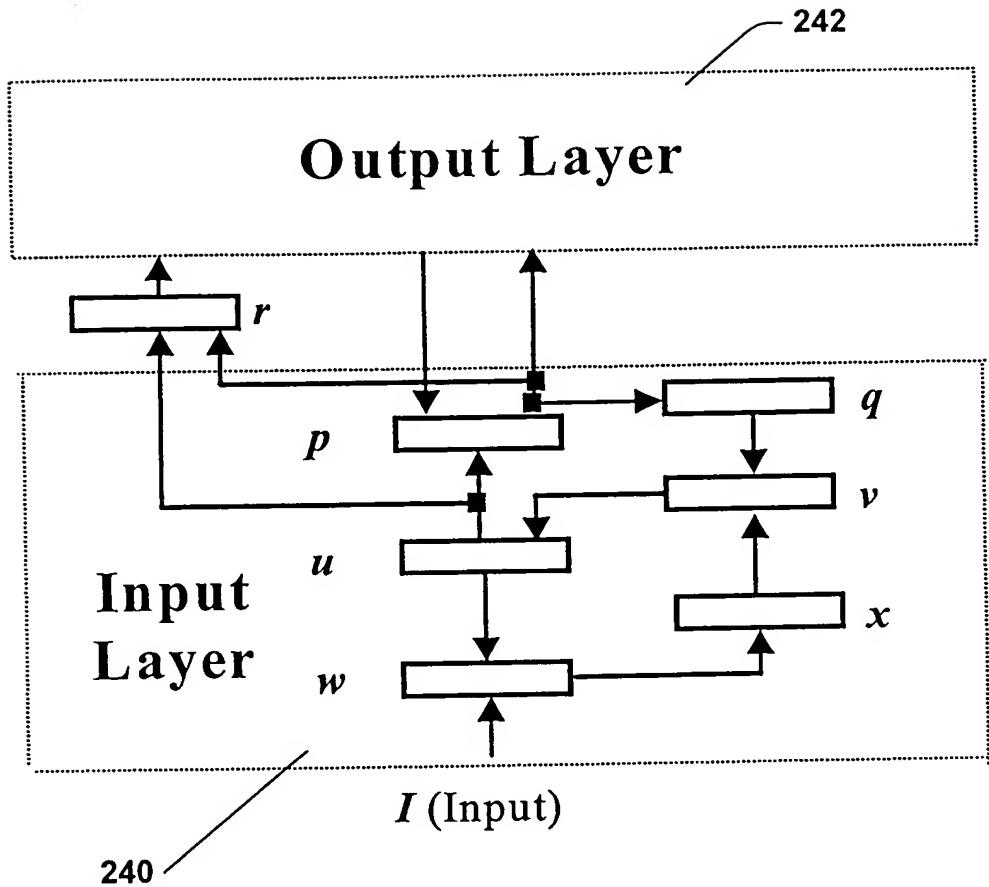


Fig. 10

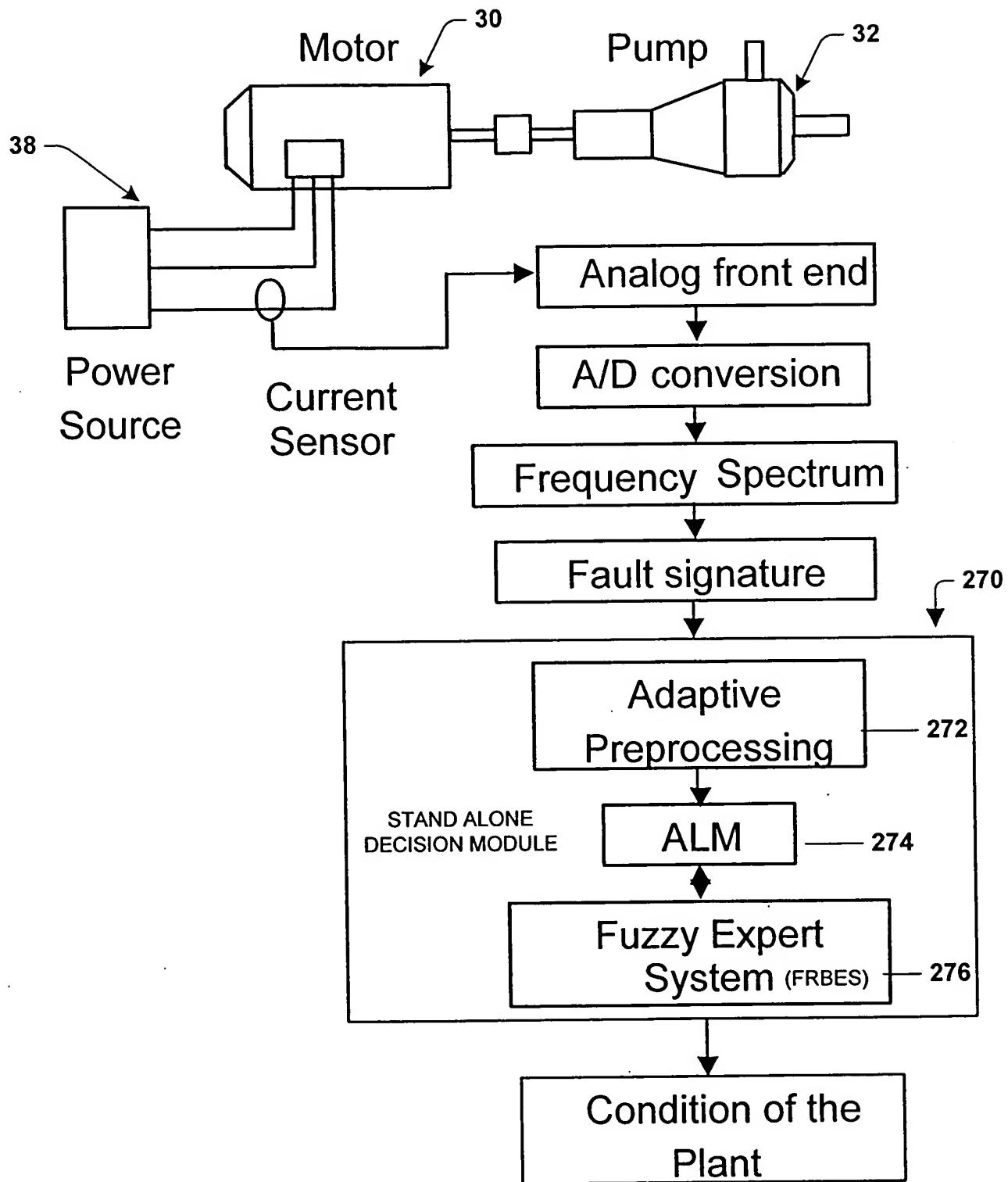
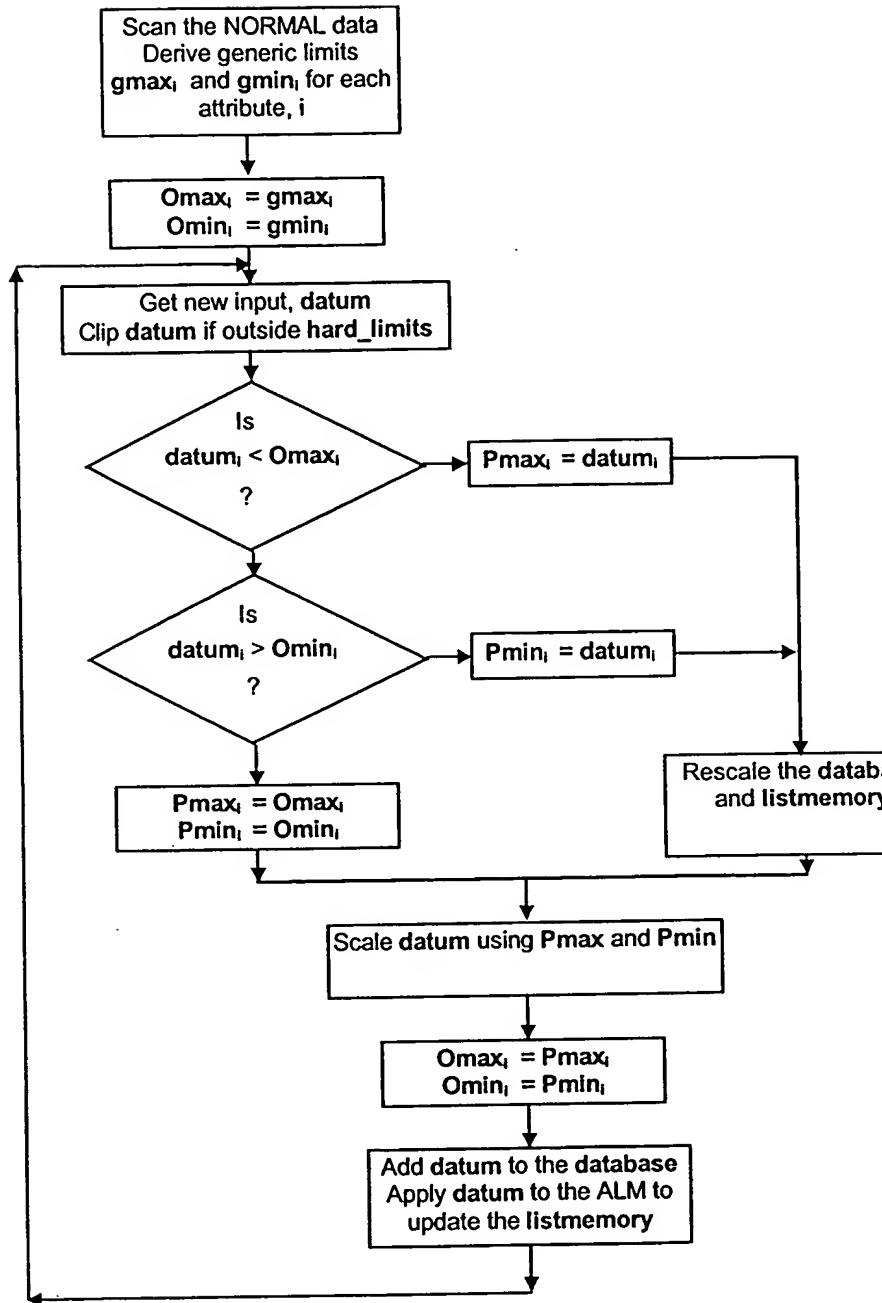


Fig. 11



272

Fig. 12

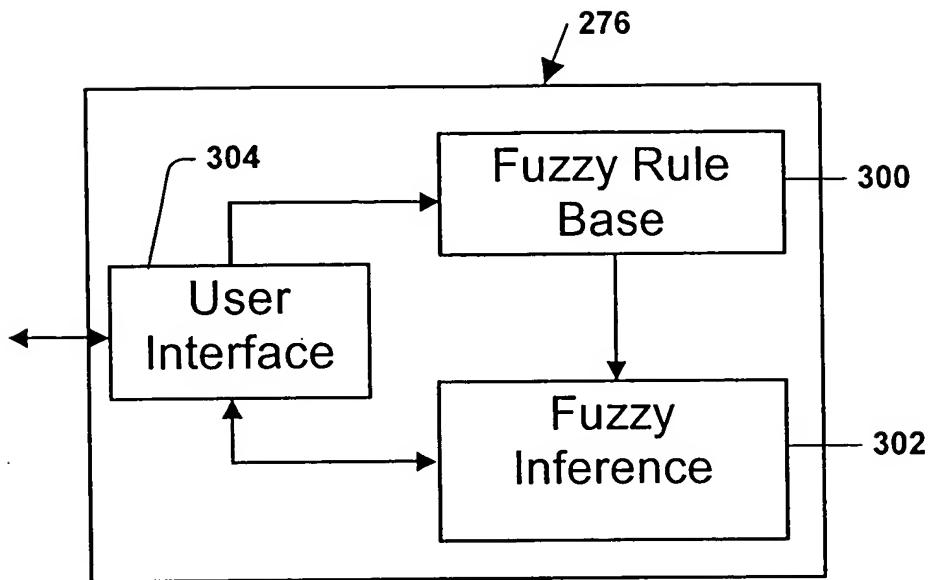


Fig. 13

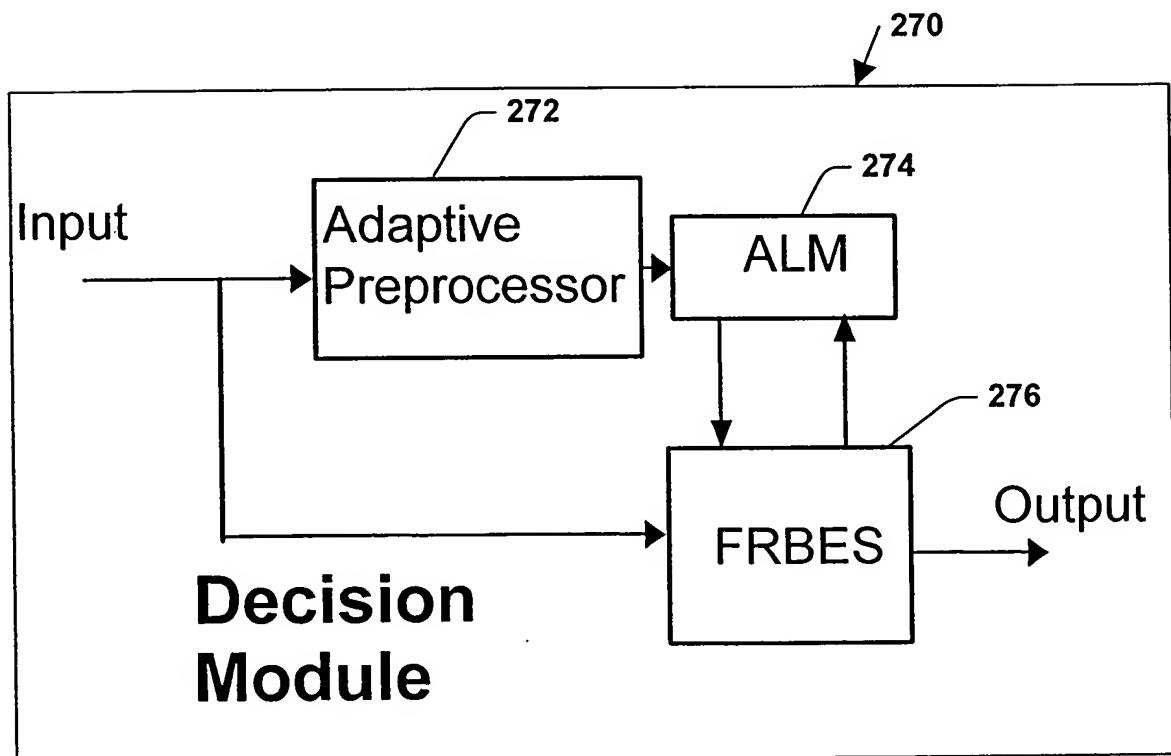
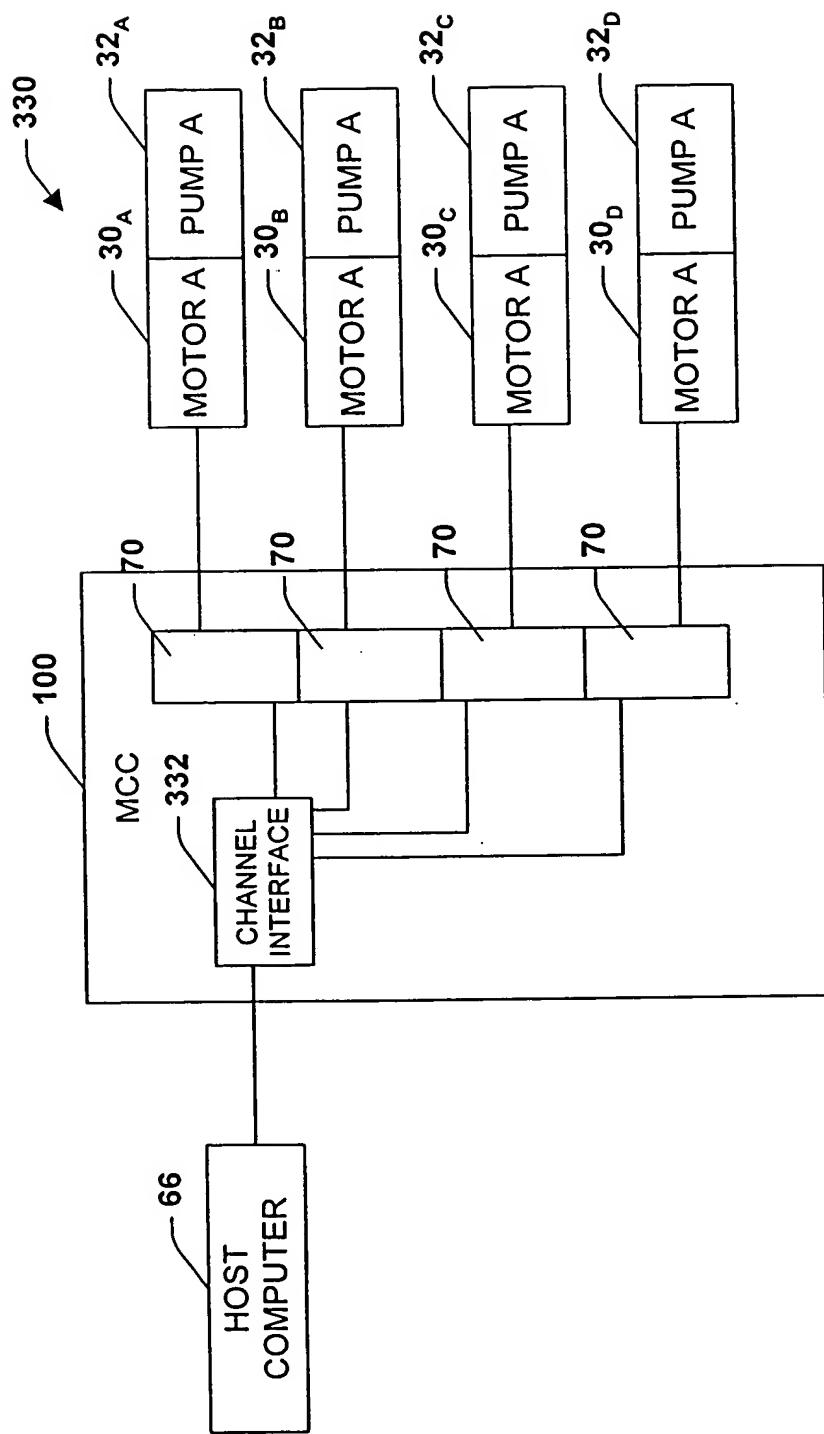


Fig. 14

IF all the attributes are NORMAL THEN condition is normal
IF slip is SLO and noise_2 is H THEN condition is low-cav
IF noise_4 and noise_5 are VER-H THEN condition is sev-cav
IF noise_4 and noise_5 are H THEN condition is sev-cav
IFF FsAmp is SLO and noise_5 are SL-H THEN condition is sev-cav
IFF FsAmp is LO and noise_5 is SL-H THEN condition is sev-cav
IFF FsAmp is VERLO and noise_5 is SL-H THEN condition is sev-cav
IFF FsAmp is SLO and noise_4 are H THEN condition is sev-cav
IFF FsAmp is LO and noise_4 is H THEN condition is sev-cav
IFF FsAmp is LO and noise_4 is VER-H THEN condition is sev-cav
IFF FsAmp is SLO and slip is SLO and noise_4 is NORMAL and noise_5 is NORMAL THEN condition is low-block
IFF FsAmp is LO and noise_4 is NORMAL and noise_5 is NORMAL THEN condition is sev-block
IF slip and FsAmp are VERLO THEN condition is sev-block
IF FrAmp is H THEN condition is impel-fault
IF framp is VER-H THEN condition is impel-fault

Fig. 15

Fig. 16



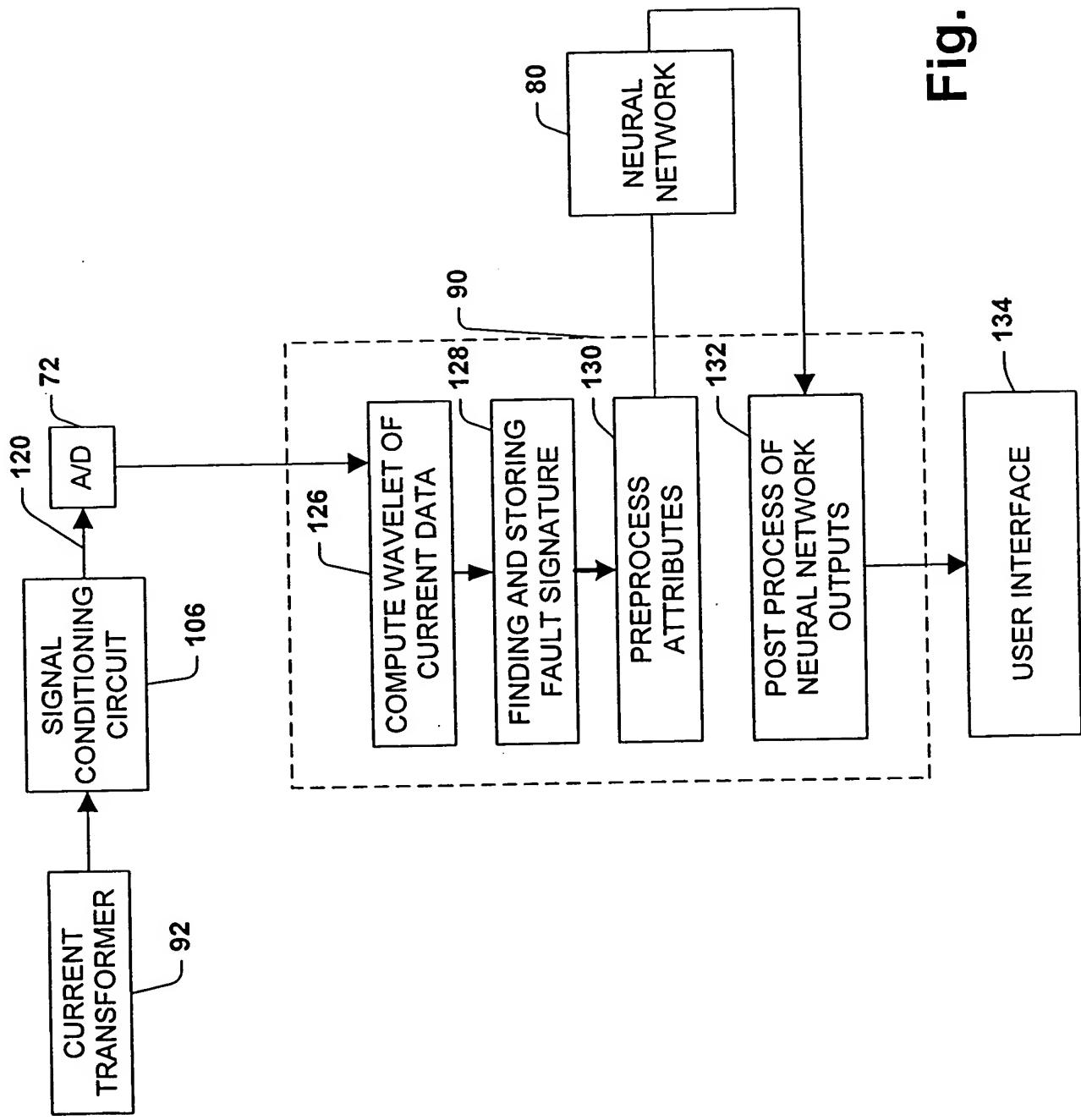


Fig. 17